

THE PRODUCTION OF POLYURETHANE FOAMS AND FOAMED THERMOPLASTIC SYNTHETIC MATERIALS

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Abstract of WO9961519

The invention relates to a method for producing polyurethane foames and foamed thermoplastic synthetic materials, especially polystyrene, polyethylene, polypropylene, polyvinyl chloride, and PET. A composition is used as an expanding agent. Said composition contains and or is comprised of pentafluorobutane, preferably pentafluorobutane (HFC-365mfc) and of at least one additional expanding agent selected from the group comprising difluoromethane (HFC-32); difluoroethane, preferably 1,1-difluoroethane (HFC-152a); 1,1,2,2-tetrafluoroethane (HFC-134); 1,1,1,2-tetrafluoroethane (HFC-134a); hexafluoropropane, preferably 1,1,1,3,3,3-hexafluoropropane (HFC-236fa); 1,1,2,3,3,3-hexafluoropropane (HFC-236ea); heptafluoropropane, preferably 1,1,1,2,3,3,3-heptafluoropropane (HFC-227ea); and light optionally halogenated hydrocarbons; and light, optionally halogenated ether.

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